

***LineUp With Math™* Alignment
Mathematics Standards of Learning****Computation and Estimation****Standard**

8.3 The student will solve practical problems involving rational numbers, percents, ratios, and proportions. Problems will be of varying complexities and will involve real-life data, such as finding a discount and discount prices and balancing a checkbook.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

Patterns, Functions, and Algebra**Standard**

8.17 The student will create and solve problems, using proportions, formulas, and functions.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.